



BRUBAY SHIPCARE SDN BHD

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VESSEL PARTICULARS

Vessel Name : **MERMAID EXPLORER**
Port of Registry : Labuan
Registration No : WLN00057K
Official No: :
Year Built : 2015
Type : Steel Landing Craft
Classification : Boat License
Flag : Malaysia

PRINCIPAL DIMENSION

Length Overall : 32M
Length of Maindeck : 30M
Breadth Moulded : 7.3M
Depth Moulded : 2.4M
GRT : 150MT
NRT : 45 MT

PERFORMANCE

Speed : ±8 Knot

MACHINERY & AUXILLARY MACHINERY

Main Engines : **Weichai WP12C400-18**
: 400HP 295kW 1800 RPM
: 2 units
Dimensions : 1695L x 860W x 1385H MM
Fuel Oil Consumption : 136L/Hr (Max) 2 engines
Gear Box : "Advance" WHG-300, 4:1
: 786mmL x 930mmW x 86mmH
: 2 units
Propulsion : 2 X Propeller, 4 blade
Generator - 1 : **Weichai WP4CD66E201**
: 100kW 440V 60Hz 3-Phase
: 1500L*800D*1200mmH
: Switchable to 50Hz
Fuel Oil Consumption : 11L/Hr (Maximum)
Generator - 2 : **Weichai D226B-3CD1**

CARGO CAPACITIES

Clear Deck Space : 120 M2 (20L x 6W)M
5 units 20ft container capacity
Max. Deck Cargo Cap : 80 Tons
(if cargo tanks empty)
FO Tank P+S : 19,200 Litres
Fresh Water Tank : 30,960 Litres
Cargo Tank 1 (P, S) : 40,000 Litres
Cargo Tank 2 (P, S) : 70,000 Litres
Cargo Tank 3 (P, S) : 70,000 Litres
Cargo Tank 4 (P, S) : 70,000 Litres
Total Liquid Cargo : 250,000 Litres
capacity

ACCOMODATION

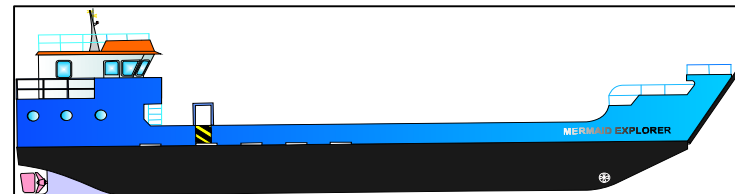
Berth : 2 x 1 Berth Cabin = 2 men
: 1 x 6 Berth Cabin = 6 men
: 1 x 2 Berth Cabin = 2 men
Total : 10 men

NAVIGATIONAL / COMMUNICATION

Walkie Talkie : 4 units
VHF Radio fixed : 1 unit
Furuno GPS GP1870S : 1 unit
with echo sounder
Magnetic Compass : 1 unit

PUMP CAPACITY

Pump : Self Priming
: Flow Rate - 120M3 / Hr
: Head - 91M
: Suction - 06M
Electric Motor : 440V 60Hz 3Phase
: 37kW @3500 RPM



ANCHORING SYSTEM

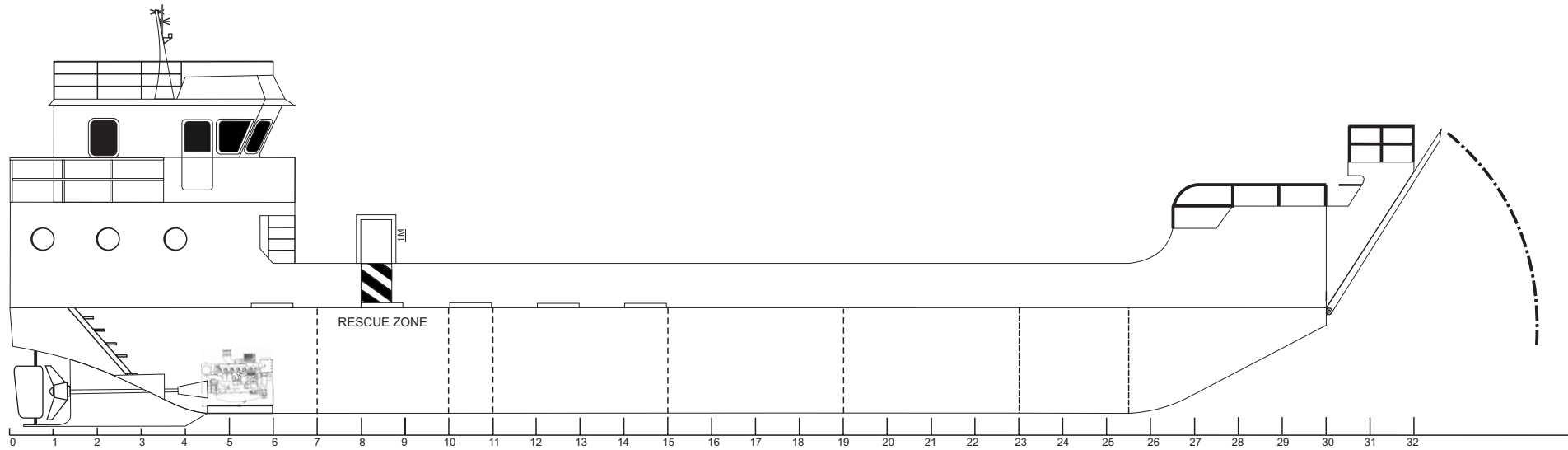
Bow Anchor : 2 x 250 kg Stockless Anchor
Anchor Chains : 2 x 19mm diameter common
stud chain 5 shackles each
Anchor Windlass / : 2 x 3 tons Electro Hydraulic
Ramp Door Winch : 1100L x 1080D x 1175H (MM)

LIFE SAVING APPLIANCES

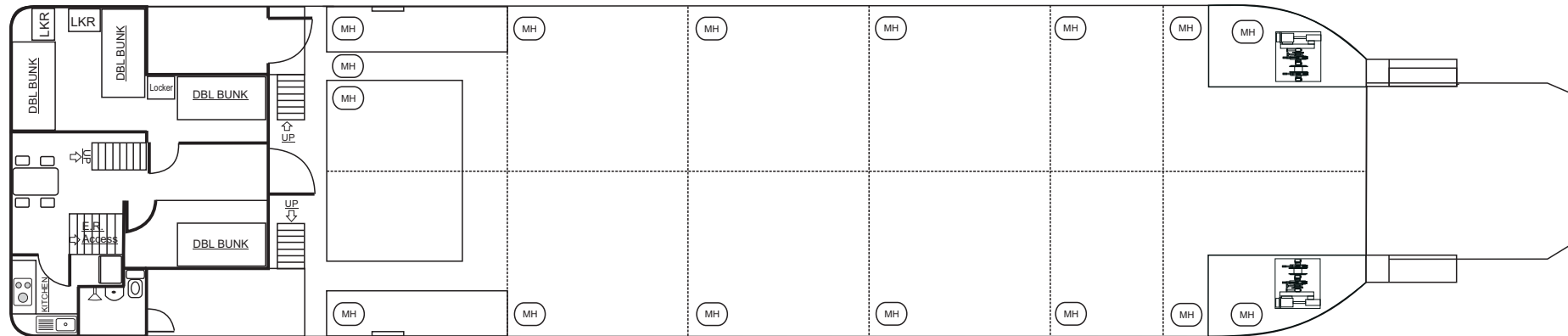
Liferaft : 1 x 10 men
Life Buoy : 8 pcs
Life Jacket : 12 pcs
Search Light : 1 unit x AC 1000w
: 2 units x DC Power

Others

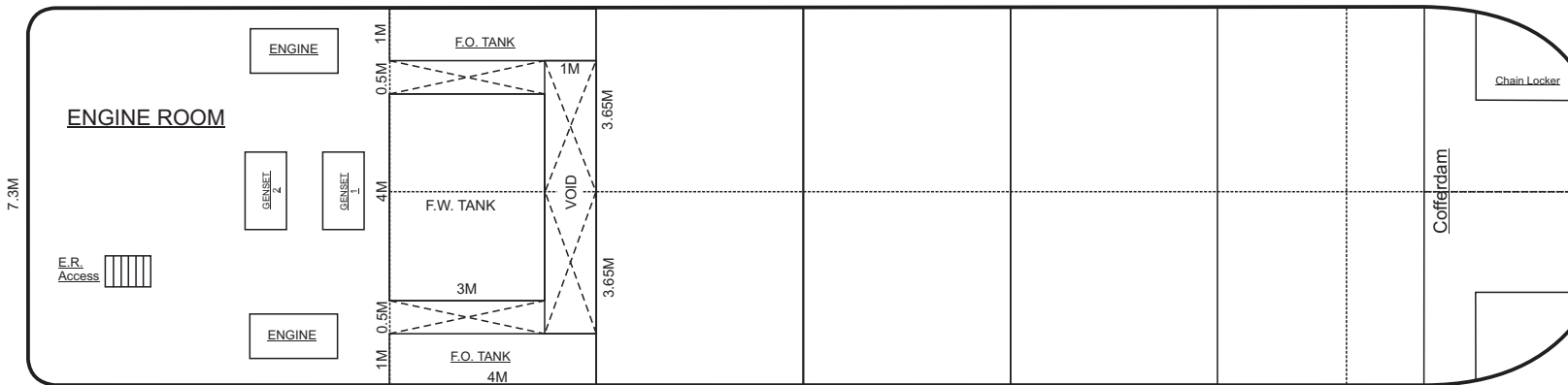
Ventilation Fan : 2 units
Bilge Pump : 2 units
Fire Pump : 1 unit
Navigation Light : 1 set
Anchor Light : 1 unit
Cabin Light : 1 set
First Aid Kit : 1 pc



PROFILE



MAIN DECK



BELOW MAIN DECK

PRINCIPAL PARTICULARS	
L.O.A.	32M
LENGTH OF MAIN DECK	30M
BEAM (MOULDED)	7.3M
DEPTH (MOULDED)	2.4M
MAIN ENGINES WEICHA1 WP12C400-18 X 2 NOS 400 HP (298KW) @ 1800 RPM	

BRUBAY SHIPCARE SDN BHD		
LOT 4, BLOCK A, SHERMADEF COMMERCIAL CENTRE, 1.5KM JALAN PATAU-PATAU 87018, W.P. LABUAN		
GENERAL ARRANGEMENT		
DRAWN BY: FRED CHOO	LCT 32M	
DATE:	SCALE - 1:100	Sheet 2 of 2